SECTION COUNTY COOK 764 498 STA. 88+60 (SB I-57) STA. 1126+91 (SB FORD)TO STA. 1313+00 (SB RYAN) FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT * (1516.1, 1717, & 1818) R-5

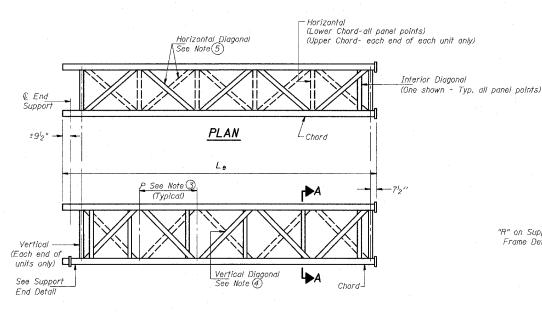
62593

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

- Horizontal (Lower Chord-all panel points) (Upper Chord- each end of each unit only) <u>Ho</u>rizontal Diagonal See Note (5) <u>Inte</u>rior Diagonal (One shown - Typ. all panel points) PLAN P See Note ③ 72' ⊢See Note∢ (Typical) (Each end of units only) **L**A Chord-- Interior Diagona

ELEVATION TYPICAL INTERIOR UNIT

Even number of panels/interior unit required

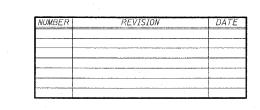


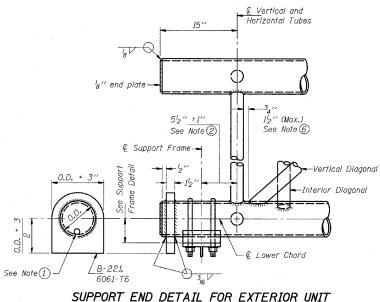
ELEVATION TYPICAL EXTERIOR UNIT Even or odd number of panels/exterior units allowed.

DESIGNED PASSED

11/1/2002 0S-A-2

Vertical





Horizontal -3₄'' (Min.). 1¹2'' (Max.) See Note 6 —Interior Diagonal -Horizontal Diagonal Detail A-9" (Max.) See Note 6 diagonal member shall be cut back to facilitate throat thickness per AWS D1.1, Fig 3.2 ---Interior Diagonal TYPICAL JOINT DETAILS DETAIL A

- Ontractor may alternatively use standard aluminum drive-fit cap to close end. $_2^{\prime\prime\prime}$ ϕ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- 2) $5_2^{\prime\prime}$ end dimension may vary by $\pm 1^{\prime\prime}$ to provide uniform panel spacing (P).
- (4) Vertical Diagonals in front and back face shall alternate.
- (5) Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- (a) All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a $^34^{\prime\prime}$ minimum to $^{1}2^{\prime\prime}$ maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-balt connections of signs or walkway brackets.

SECTION A-A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

OVERHEAD SIGN STRUCTURES ALUMINUM TRUSS DETAILS FOR TRUSS TYPES I-A, II-A AND III-A

SCALE: AS NOTED DATE: MARCH 1, 2006

DRAWN BY: AMB CHECKED BY: TB

TYLININTERNATIONAL

Interior Diagonal

Upper Back Chord-

Lower Back Chord-

"R" on Support Frame Details

sheet for details.

-∉ Truss & ∉ Sign

Reverse direction of interior diagonals at alternate panels. -Sign Panel - See sign panel

∇Upper Front Chord

Type I-A 4'-0" Type II-A 4'-6" Type III-A 5'-0"

"T" on Support Frame Details